



National Transportation Safety Board Aviation Accident Data Summary

Location:	SALINA, KS	Accident Number:	CHI96LA046
Date & Time:	12/02/1995, 1505 CST	Registration:	N50235
Aircraft:	ROBERT ECKLEY ROTORWAY	Injuries:	1 None
Flight Conducted Under:	Part 91: General Aviation - Personal		

Analysis

The pilot stated that the purpose of the flight was to check the cyclic rigging on the helicopter. This was to be the helicopter's first flight in three years since it was recently taken out of storage. After start up, the helicopter rolled over. The pilot stated that the cause of the accident was the over adjusting of the cycle control during the rigging procedure. The pilot has performed all inspections and rigging on the helicopter. Review of the pilot's logbook revealed that the pilot did not hold a valid medical, airman certificate, nor the student pilot endorsements required to operate the helicopter. The pilot also did not possess a Repairman Certificate.

Probable Cause

The National Transportation Safety Board determines the probable cause(s) of this accident to be: the pilot's improper maintenance of the helicopter. Factors in the accident were the pilot's lack of proper certification for the operation of the helicopter and his lack of recent experience in type of aircraft.

Findings

Occurrence #1: ROLL OVER
Phase of Operation: STANDING - IDLING ROTORS

Findings

1. (C) MAINTENANCE, SERVICE OF AIRCRAFT/EQUIPMENT - IMPROPER - PILOT IN COMMAND
2. (F) LACK OF CERTIFICATION - PILOT IN COMMAND
3. (F) LACK OF RECENT EXPERIENCE IN TYPE OF AIRCRAFT - PILOT IN COMMAND

Pilot Information

Certificate:	None	Age:	62
Airplane Rating(s):	None	Instrument Rating(s):	None
Other Aircraft Rating(s):	None	Instructor Rating(s):	None
Flight Time:	300 hours (Total, all aircraft)		

Aircraft and Owner/Operator Information

Aircraft Make:	ROBERT ECKLEY	Registration:	N50235
Model/Series:	ROTORWAY ROTORWAY	Engines:	1 Reciprocating
Operator:	ROBERT L. ECKLEY	Engine Manufacturer:	ROTORWAY
Operating Certificate(s) Held:	None	Engine Model/Series:	RW145
Flight Conducted Under:	Part 91: General Aviation - Personal		

Meteorological Information and Flight Plan

Conditions at Accident Site:	Visual Conditions	Condition of Light:	Day
Observation Facility, Elevation:	SLN, 1272 ft msl	Weather Information Source:	Weather Observation Facility
Lowest Ceiling:	Broken / 20000 ft agl	Wind Speed/Gusts, Direction:	8 knots / , 290°
Temperature:	17° C	Visibility	6 Miles
Precipitation and Obscuration:			
Departure Point:	(SLN)	Destination:	

Airport Information

Airport:	SALINA MUNICIPAL AIRPORT (SLN)	Runway Surface Type:	
Runway Used:	0	Runway Surface Condition:	
Runway Length/Width:			

Wreckage and Impact Information

Crew Injuries:	1 None	Aircraft Damage:	Substantial
Passenger Injuries:	N/A	Aircraft Fire:	None
Ground Injuries:	N/A	Aircraft Explosion:	None
Latitude, Longitude:			

Administrative Information

Investigator In Charge (IIC):	CHRISTINE M CORSONES	Adopted Date:	04/18/1996
Investigation Docket:	NTSB accident and incident dockets serve as permanent archival information for the NTSB's investigations. Dockets released prior to June 1, 2009 are publicly available from the NTSB's Record Management Division at pubinq@ntsb.gov , or at 800-877-6799. Dockets released after this date are available at http://dms.nts.gov/pubdms/ .		

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